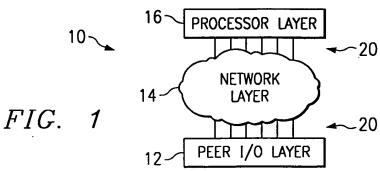
Inventors: Daniel E. Lenoski, et al. Express Mail No. EL5009228085US

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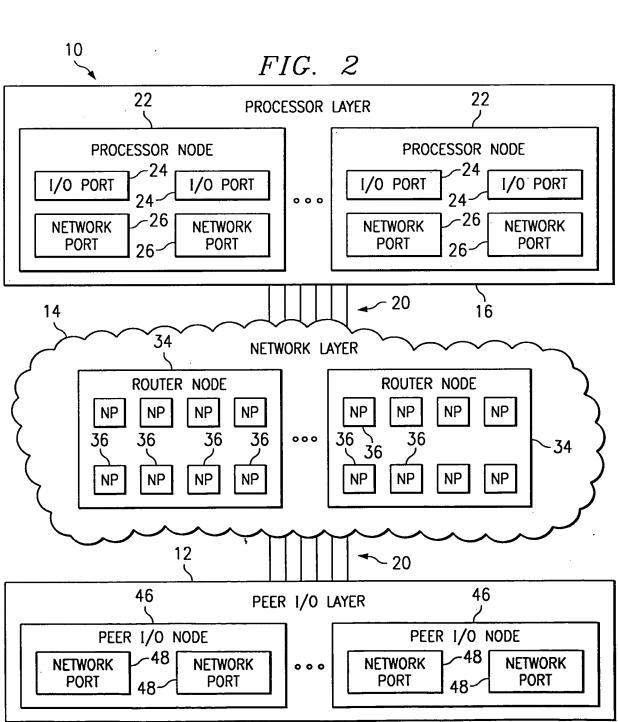


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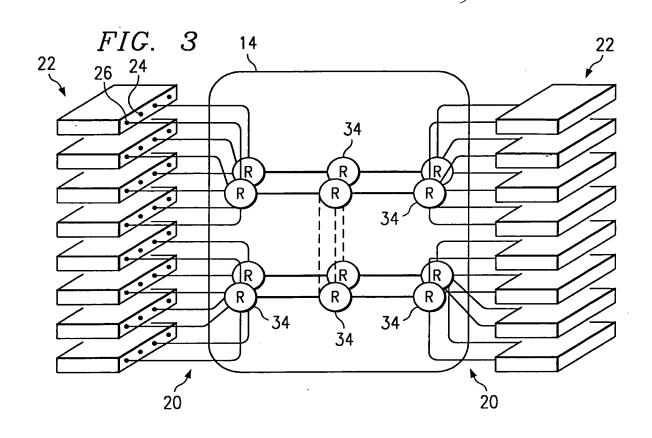
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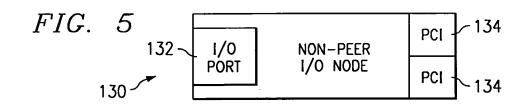
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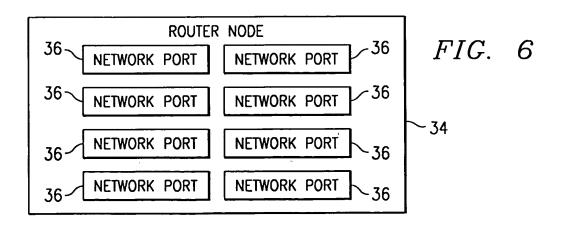
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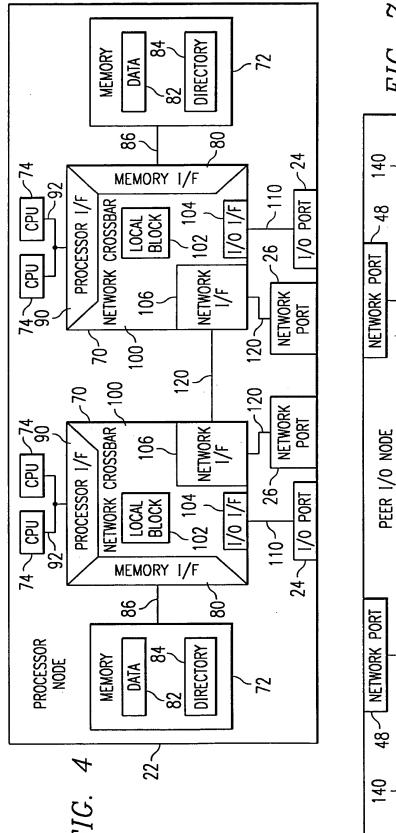




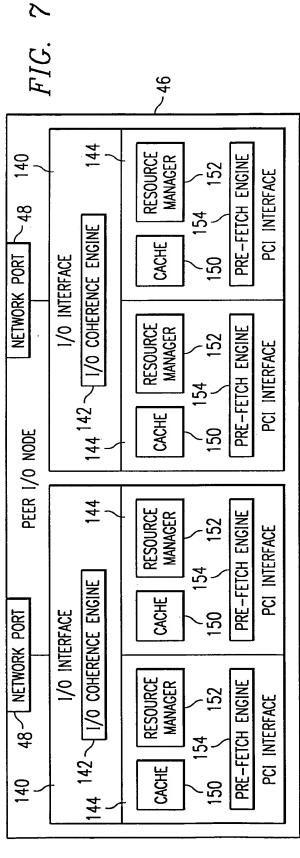




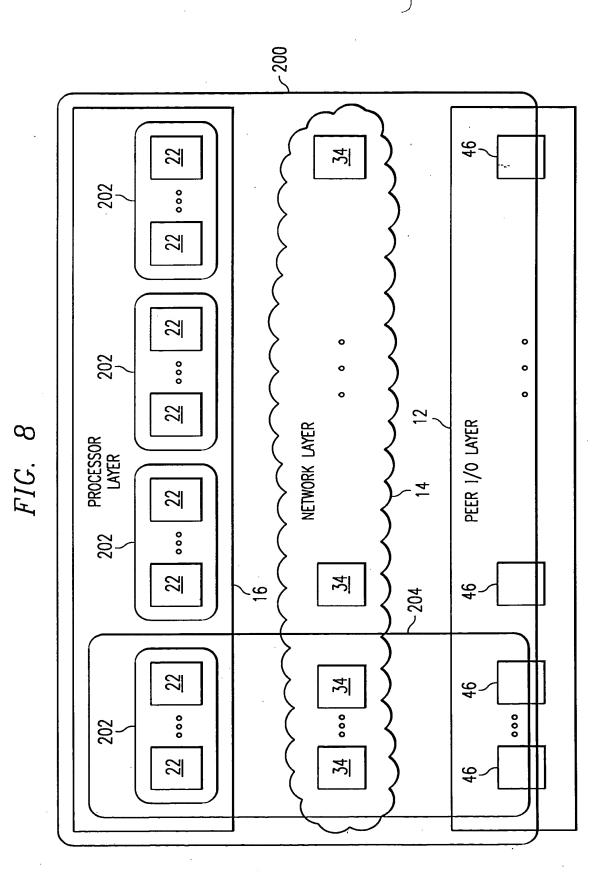
Inventors: Daniel E. Lenoski, et al. Express Mail No. EL5009228085US



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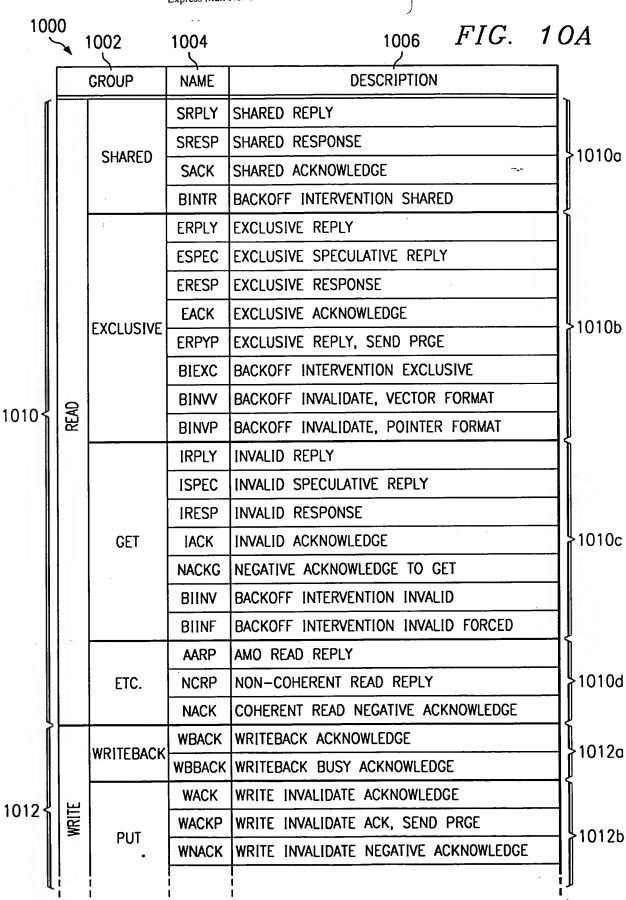
900 906 902 904 **GROUP** DESCRIPTION NAME **READ READ** 910a **SHARED RDSHD** READ SHARED **RDEXC** READ EXCLUSIVE EXCLUSIVE READ-ONLY TIMED 910b **RDXRO** EXCLUSIVE EXCLUSIVE READ-ONLY UNTIMED **RDXRN** 910 READ INVALID **GET** 910c **GET** READ INVALID, FORCED **GETF** ATOMIC MEMORY OPERATION, READ **AMOR** 910d etc. NON-COHERENT READ **NCRD WRBK** WRITEBACK WRITEBACK, CONCURRENT READ OUTSTANDING **WRBKR** 912a WRITEBACK IWE IMPLICIT WRITEBACK EXCLUSIVE **RQSH** CEX DROP (RELINQUISH) CEX DROP, CONCURRENT READ OUTSTANDING **RQSHR** MRITE 912 **PUT** WRITE INVALIDATE 912b PUT **PFCL** CACHE LINE FLUSH ATOMIC MEMORY OPERATION, WRITE **AMOW** NON-COHERENT WRITE, DOUBLEWORD 912c ETC. **NCWRD** NON-COHERENT WRITE, CACHE LINE **NCWRF** }914a INTERVENTION SHARED SHARED INTER **INEXC** INTERVENTION EXCLUSIVE 914b **EXCLUSIVE FLSH** FLUSH 914 **ERASE ERASE** ININV INTERVENTION INVALID 914c **GET** INTERVENTION INVALID, FORCED ININF }914d ETC. INVAL INVALIDATE BACKOFF INVALIDATE ECHO, VECTOR FORMAT BINEV INVAL 916 **GENERATION** LOCAL BLOCK INVALIDATE VECTOR LINW

FIG. 9

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TO FIG. 10B

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